

USSN 09/577,468

Amendment dated 14 November 2003

Reply to Office action of 26 September 2003

**Amendments to the Claims:**

Please cancel claim 10 without prejudice or disclaimer .

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of claims:**

Claim 1. (previously presented) A method of inducing weight loss in a mammal comprising administering a ciliary neurotrophic factor comprising the sequence of SEQ ID NO:16 or 17, wherein the administration is via the nasal or the respiratory passages of said mammal.

Claim 2. (original) The method of claim 1, wherein the mammal is a human.

Claim 3. (previously presented) The method of claim 2, wherein excess weight is due to diet induced obesity.

Claim 4. (original) The method of claim 2, wherein said ciliary neurotrophic factor protein is AX-15.

Claim 5. (withdrawn) The method of claim 2, wherein said ciliary neurotrophic factor protein is AX-2.

Claims 6-7. (canceled)

Claim 8. (previously amended) The method of claim 1, wherein said ciliary neurotrophic factor protein is pegylated.

Claim 9. (previously amended) The method of claim 1, wherein said ciliary neurotrophic factor protein is administered intranasally.

Claim 10. (canceled)

Claim 11. (previously amended) The method of claim 1, wherein said ciliary neurotrophic factor protein is administered by use of a nebulizer.

Claim 12. Cancelled.

Claim 13. (withdrawn) The method according to claim 6 or 7, wherein said ciliary neurotrophic factor protein is AX-2.

Claim 14. (withdrawn) A composition useful for the treatment of obesity or gestational or adult onset diabetes in a mammal comprising a formulation of a ciliary neurotrophic factor protein suitable

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for intranasal administration.

Claim 15. (withdrawn) A composition useful for the treatment of obesity or gestational or adult onset diabetes in a mammal comprising a formulation of a ciliary neurotrophic factor protein suitable for be administered by a nebulizer to a mammal.

Claim 16. (withdrawn) The composition according to claim 14 or 15, wherein said ciliary neurotrophic factor protein is AX-15.

Claim 17. (withdrawn) The composition according to claim 14 or 15, wherein said ciliary neurotrophic factor protein is AX-13.

Claim 18. Canceled.

Claim 19. (withdrawn) The method of claim 18, wherein said disorder is a degenerative disorder involving the spinal cord, cholinergic neurons, hippocampal neurons or motor neurons.

Claims 20-22 (canceled)